

What is claimed is:

1. An isolated polynucleotide comprising the nucleic acid sequence of SEQ ID NO:

1.

5           2. An expression vector comprising a lectin gene regulation site of *Misgurnus mizolepis*.

3. The vector of Claim 2, wherein said vector is pmlectP (KCTC 10124BP).

4. The vector of Claim 2, wherein said vector further comprises a growth hormone gene of *Misgurnus mizolepis*.

5. The vector of Claim 4, wherein said vector is pmlectmGH (KCTC 10126BP).

6. The vector of Claim 2, wherein said vector further comprises a growth hormone gene of *Cyprinus carpio*.

7. The vector of Claim 6, wherein said vector is pmlectcGH (KCTC 10125BP).

20           8. A transgenic *Misgurnus mizolepis* containing, in its germline, the vector of Claim 4, wherein said *Misgurnus mizolepis* expresses said growth hormone gene at levels which increases the rate of its growth relative to wild-type *Misgurnus mizolepis*.

9. A transgenic *Cyprinus carpio* containing, in its germline, the vector of Claim 6,

wherein said *Cyprinus carpio* expresses said growth hormone gene at levels which increases the rate of its growth relative to wild-type *Cyprinus carpio*.

10. A method of making a transgenic *Misgurnus mizolepis* comprising microinjecting  
5 the vector of Claim 4 into fertilized eggs of *Misgurnus mizolepis* and culturing the eggs such  
that the eggs hatch and result in *Misgurnus mizolepis* fish which expresses the growth  
hormone gene at levels which increase the rate of growth of the fish relative to wild-type  
*Misgurnus mizolepis*.

11. A method of making a transgenic *Cyprinus carpio* comprising microinjecting the  
vector of Claim 6 into fertilized eggs of *Cyprinus carpio* and culturing the eggs such that the  
eggs hatch and result in *Cyprinus carpio* fish which expresses the growth hormone gene at  
levels which increase the rate of growth of the fish relative to wild-type *Cyprinus carpio*.